predetermined format, and transfers an object having said measurement result converted in said predetermined data format and information for reconverting said converted measurement result into original one to said second network.

8. (Amended) A measuring device controlling adapter claimed in claim 1 further comprising:

an error detecting unit for detecting a predetermined error during said measurement process; and

an error information transferring unit for transferring information relating to said error through said first network.

B2 cncld.

9. (Amended) A measuring device controlling adapter claimed in claim 1, wherein said first network is Ethernet.

10. (Amended) A measuring device controlling adapter claimed in claim 2, wherein said second network is GPIB.

11. (Amended) A measuring device controlling adapter claimed in claim 1 further comprising:

a program running unit capable of executing a program described in Java (TM) language,

wherein said control program is described in Java language, and

at least one of said command generating unit and said command transferring unit is embodied by said program running unit which executes said control program.

14. (Amended) A measuring device claimed in claim 12 further comprising:

B3 am.

a processing information transferring unit for transferring information relating to said measurement process through said first network.

B3 Cncld

15. (Amended) A measuring device claimed in claim 12, wherein

said measuring device is coupled to a third network,

said control program further comprises contents relating to another measurement process performed by another measuring device coupled to said third network, and

said measurement control unit further lets said other measuring device perform said other measurement process based on said control program.

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17. (Amended) A measuring device claimed in claim 12, wherein said control program comprises contents prescribing a plurality of measurement processes,

further comprising a performing sequence determining unit for determining a

B4 sequence for performing said plurality of measurement processes based on said control program,

wherein said measurement control unit lets said plurality of measurement processes be performed according to said sequence.

18. (Amended) A measuring device claimed in claim 12 further comprising:

a measurement process information memorizing unit for memorizing measurement process information which identifies said measurement process which can be performed in parallel,

wherein said measurement control unit lets said measurement process, which can be performed in parallel, be performed in parallel based on said measurement process information.

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23. (Amended) A measuring system claimed in claim 20 wherein

said measuring device controlling adapter further comprises:

B5 Cnt

an error detecting unit for detecting a predetermined error during said measurement process; and

an error information transferring unit for transferring information relating to said error to said control host through said first network, and

said control host further comprises:

an error information receiving unit for receiving information relating to transferred error through said first network; and

B5 Cncld.

an error display unit for displaying said received information relating to error.

26. (Amended) A measuring system claimed in claim 24, wherein

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said measuring device is further coupled to another network,

said control program further comprises contents relating to another measurement process performed by another measuring device coupled to said other network, and

said measurement control unit further controls another measurement process by said other measuring device based on said control program.

28. (Amended) A measuring system claimed in claim 24,

wherein said control program comprises contents prescribing a plurality of said measurement processes,

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further comprising a performing sequence determining unit for determining a sequence for performing said plurality of measurement processes based on said control program,

wherein said measurement control unit lets said plurality of measurement processes be performed according to said sequence.

29. (Amended) A measuring system claimed in claim 24 further comprising:

a measurement process information memorizing unit for memorizing measurement process information which identifies said measurement process which can be performed in parallel,

wherein said measurement control unit lets said measurement process, which can be performed in parallel, be performed in parallel based on said measurement process information.